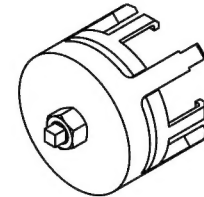
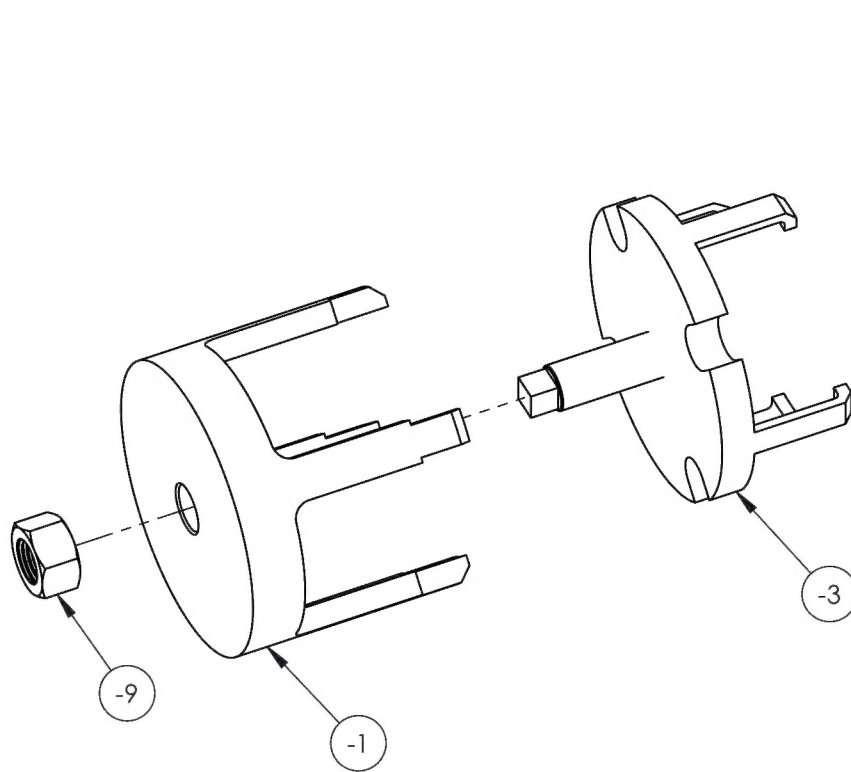


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| REVISIONS | | | | | |
|-----------|-----|-------------------------|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | | RELEASED FOR PRODUCTION | 12/17/2015 | RJC | JAG |



NOTE:

1. REF. AGUSTA T/N 3G6305G10633.
2. PART OF KIT RBW6305G05833-3G.

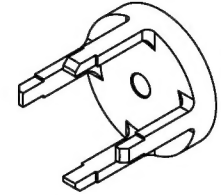
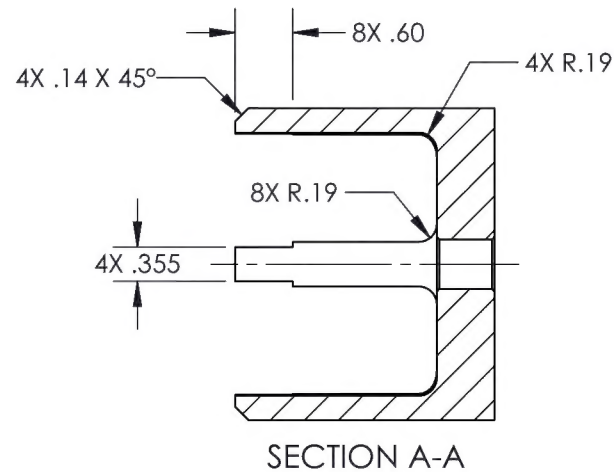
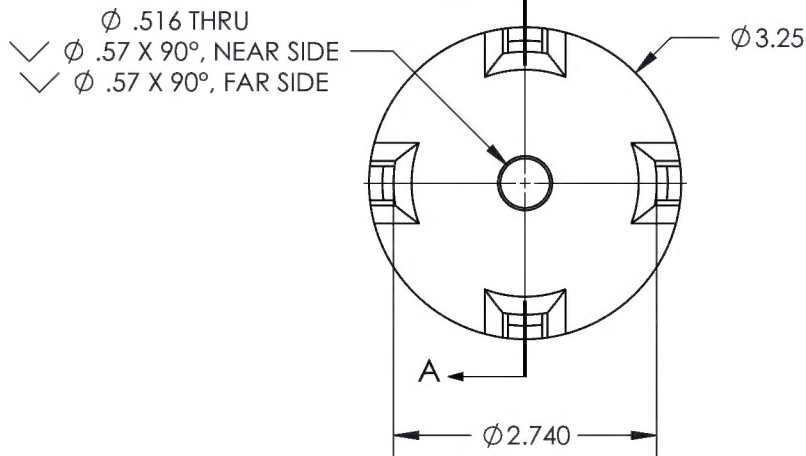
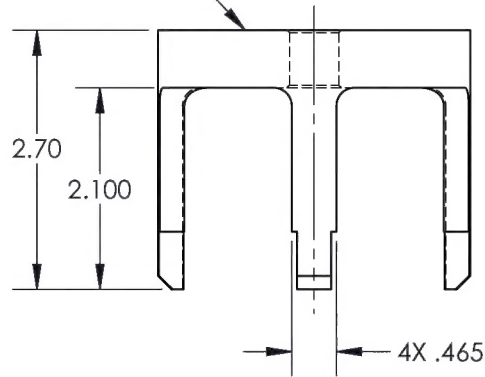
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| DART AEROSPACE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TITLE T/R DRIVE QUILL LOCKWASHER REMOVAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DWG NO. RBW6305G10633-3G | REV 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td></td> <td>.XX ± .01 ANGLES ± 5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125°</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES</td> </tr> <tr> <td></td> <td>.015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY: CLOUGH</td> <td>2. DIMENSIONAL LIMITS APPLY</td> </tr> <tr> <td>CHECKED: MACKOVJAK</td> <td>AFTER PLATING</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>3. INTERPRET DIM AND TOL PER</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>ASME Y14.5M-2009</td> </tr> <tr> <td>APPROVED: J Gilbert</td> <td>USED ON MODEL</td> </tr> <tr> <td></td> <td>AW139</td> </tr> <tr> <td>SCALE 1:2</td> <td>DATE 11/23/2015</td> </tr> <tr> <td></td> <td>SHEET 1 OF 5</td> </tr> </table> | | MAT'L | UNLESS OTHERWISE SPECIFIED | HEAT TREAT | DIMENSIONS ARE IN INCHES | FINISH | .XXX ± .005 FRACTIONS ± 1/8 | | .XX ± .01 ANGLES ± 5° | | .X ± .1 SURFACES = 125° | SPEC | 1. BREAK ALL SHARP EDGES | | .015 x 45° OR .015R | DRAWN BY: CLOUGH | 2. DIMENSIONAL LIMITS APPLY | CHECKED: MACKOVJAK | AFTER PLATING | OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER | QA APPR: LINDSAY | ASME Y14.5M-2009 | APPROVED: J Gilbert | USED ON MODEL | | AW139 | SCALE 1:2 | DATE 11/23/2015 | | SHEET 1 OF 5 |
| MAT'L | UNLESS OTHERWISE SPECIFIED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HEAT TREAT | DIMENSIONS ARE IN INCHES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FINISH | .XXX ± .005 FRACTIONS ± 1/8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | .XX ± .01 ANGLES ± 5° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | .X ± .1 SURFACES = 125° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPEC | 1. BREAK ALL SHARP EDGES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | .015 x 45° OR .015R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY: CLOUGH | 2. DIMENSIONAL LIMITS APPLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED: MACKOVJAK | AFTER PLATING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OPPS APPR: ANDERSON | 3. INTERPRET DIM AND TOL PER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QA APPR: LINDSAY | ASME Y14.5M-2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED: J Gilbert | USED ON MODEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | AW139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE 1:2 | DATE 11/23/2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SHEET 1 OF 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|------------------|-----------------|---|-----|
| | | | -1 | 1 | RETAINER | 4140/4142 Q & T | | 2 |
| | X | | -3 | 1 | REMOVER WELDMENT | | | 3 |
| | 1 | | -5 | | REMOVER | 4140/4142 Q & T | | 4 |
| | 1 | | -7 | | ALL THREAD | STEEL | 1/2-20 UNF-2A X 2 GRD 8 (MCMASTER-CARR #90322A162) MODIFIED | 5 |
| | | B/O | -9 | 1 | HEX NUT | STEEL | 1/2-20 UNF -2B GRD 8 (MCMASTER-CARR #94895A825) | 1 |
| | ASSY -3 | | | | | | | |

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| REV | ECR | DESCRIPTION | DATE |
| | | | INITIAL |
| | | | APPROVED |

ENGRAVE T/N,S/N,
MADE IN USA



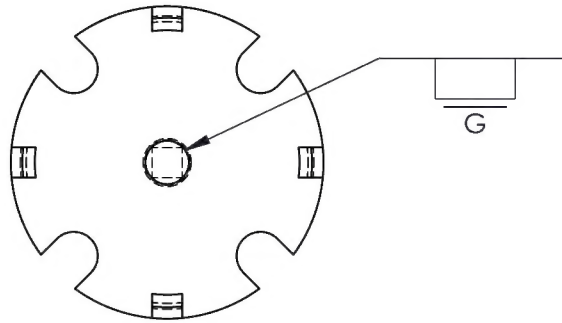
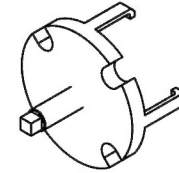
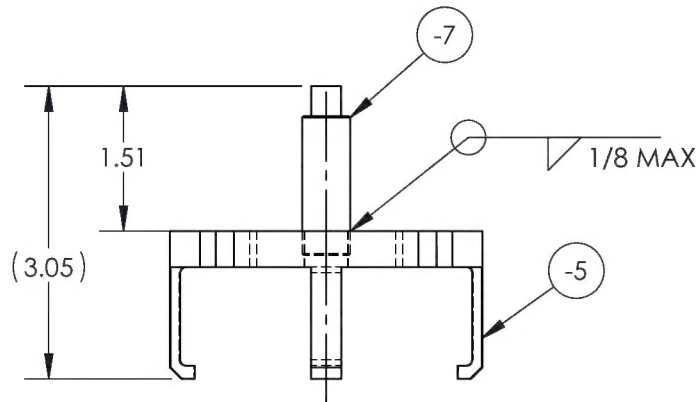
(-1)

RETAINER

| | |
|--|------------------------------|
| DART AEROSPACE | |
| TITLE T/R DRIVE QUILL LOCKWASHER REMOVAL | |
| DWG NO. RBW6305G10633-3G-1 | REV 1 |
| MAT'L 4140/4142 Q & T | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH ZINC PLATE | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC ASTM B633 TYPE I SC 2 | .XX ± .01 ANGLES ± 5° |
| DRAWN BY: CLOUGH | .X ± .1 SURFACES = 125✓ |
| CHECKED: MACKOVJAK | 1. BREAK ALL SHARP EDGES |
| OPPS APPR: ANDERSON | .015 x 45° OR .015R |
| QA APPR: LINDSAY | 2. DIMENSIONAL LIMITS APPLY |
| APPROVED: J Gilbert | AFTER PLATING |
| | 3. INTERPRET DIM AND TOL PER |
| | ASME Y14.5M-2009 |
| | USED ON MODEL |
| | AW139 |
| SCALE 1:2 | DATE 11/23/2015 |
| | SHEET 2 OF 5 |

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| REV | ECR | DESCRIPTION | DATE | INITIAL |
| | | | | APPROVED |



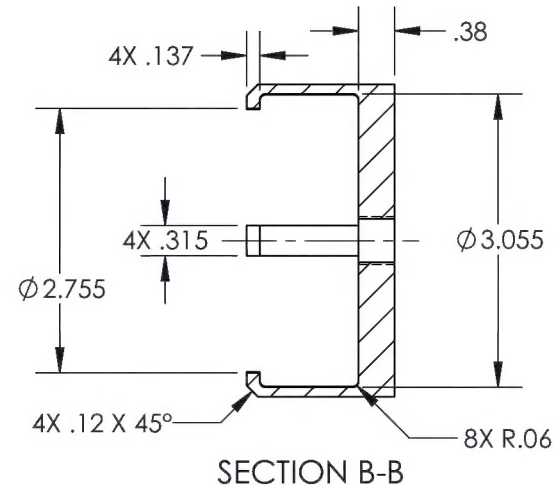
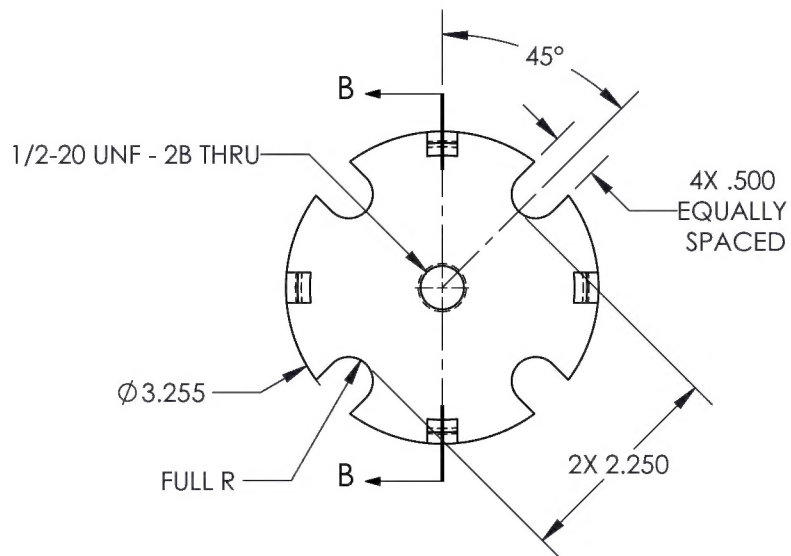
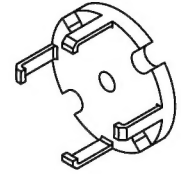
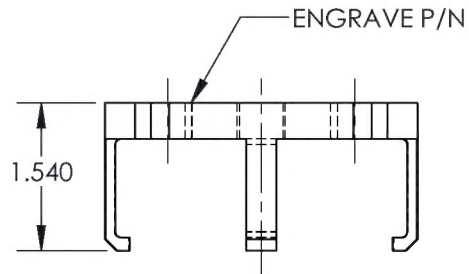
-3

REMOVER WELDMENT

| | |
|--|--|
| DART AEROSPACE | |
| TITLE T/R DRIVE QUILL LOCKWASHER REMOVAL | |
| DWG NO. RBW6305G10633-3G-3 | REV 1 |
| MAT'L REPT TREAT FINISH ZINC PLATE | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° |
| SPEC ASTM B633 TYPE I SC 2 | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R |
| DRAWN BY: CLOUGH | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING |
| CHECKED: MACKOVJAK | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| OPPS APPR: ANDERSON | USED ON MODEL |
| QA APPR: LINDSAY | AW139 |
| APPROVED: J Gilbert | |
| SCALE 1:2 | DATE 11/23/2015 |
| SHEET 3 OF 5 | |

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| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |

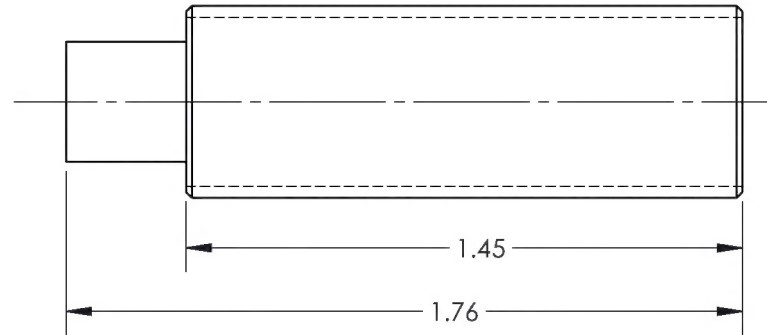
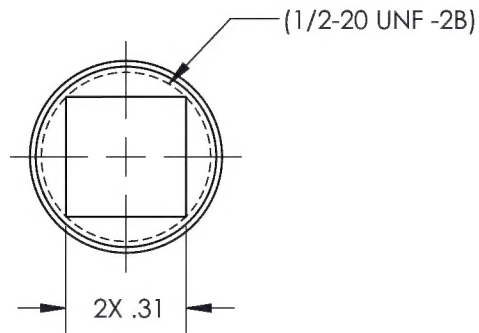
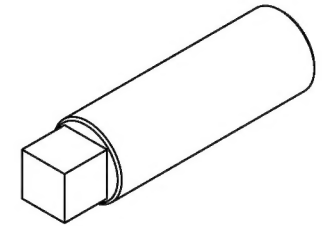


(5)
REMOVER

| | |
|---|-----------------|
| DART AEROSPACE | |
| TITLE T/R DRIVE QUILL LOCKWASHER REMOVAL | |
| DWG NO. RBW6305G10633-3G-5 | REV 1 |
| MAT'L 4140/4142 Q & T HEAT TREAT FINISH SEE -3 SPEC | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125✓ | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 | |
| DRAWN BY: CLOUGH | USED ON MODEL |
| CHECKED: MACKOVJAK | AW139 |
| OPPS APPR: ANDERSON | |
| QA APPR: LINDSAY | |
| APPROVED: J Gilbert | |
| SCALE 1:2 | DATE 11/23/2015 |
| SHEET 4 OF 5 | |

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| REV | ECR | DESCRIPTION | DATE | INITIAL |
| | | | | APPROVED |



⑦
ALL THREAD

| | |
|--|------------------------------|
| DART AEROSPACE | |
| TITLE T/R DRIVE QUILL LOCKWASHER REMOVAL | |
| DWG NO. RBW6305G10633-3G-7 | REV 1 |
| MAT'L STEEL | UNLESS OTHERWISE SPECIFIED |
| HEAT TREAT | DIMENSIONS ARE IN INCHES |
| FINISH SEE -3 | .XXX ± .005 FRACTIONS ± 1/8 |
| SPEC | .XX ± .01 ANGLES ± 5° |
| | .X ± .1 SURFACES = 125° |
| DRAWN BY: CLOUGH | 1. BREAK ALL SHARP EDGES |
| CHECKED: MACKOVJAK | .015 x 45° OR .015R |
| OPPS APPR: ANDERSON | 2. DIMENSIONAL LIMITS APPLY |
| QA APPR: LINDSAY | AFTER PLATING |
| APPROVED: J Gilbert | 3. INTERPRET DIM AND TOL PER |
| | ASME Y14.5M-2009 |
| SCALE 2:1 | DATE 11/23/2015 |
| | USED ON MODEL |
| | AW139 |
| | SHEET 5 OF 5 |